PREFACE

This manual provides information on the operation, components, and systems of aircraft power plants. The turbine engine is relatively new to the aviation field and its technology is growing rapidly. This manual will bring users up-to-date on new developments in the field.

Propellers have been deleted from this manual since the Army no longer works on them.

This manual is for use by Army aviation mechanics worldwide.

For specific instructions on the aircraft power plants in particular types and models of aircraft, refer to applicable maintenance manuals. Should the information in this field manual and that in a specific aircraft maintenance manual conflict, the latter takes precedence.

The proponent of this publication is HQ TRADOC. Submit changes for improving this publication on DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forward it to Assistant Commandant, US Army Aviation Logistics School, ATTN ATSQ-LTD-L, Fort Eustis, Virginia 23604-5421.

Unless otherwise stated, whenever the masculine gender is used, both men and women are included.

This manual contains copyrighted material as follows:

Pages 3-7 thru 3-8,3-11 thru 3-12,3-14 thru 3-15,3-17 thru 3-20; 4-17; 8-1,8-5 thru 8-8; 9-1,9-3, thru 9-4,9-6, 9-7, thru 9-12; Fig 3-19, Fig 3-20: Copyright ©, 1951, 1974, United Technologies Corporation.